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| <b>UTILITY PATENT APPLICATION TRANSMITTAL</b><br>(New Nonprovisional Applications Under 37 CFR § 1.53(b)) | Attorney Docket No.<br><b>CISCP729</b> |
|---|--|

**TO THE ASSISTANT COMMISSIONER FOR PATENTS:**

Transmitted herewith is the patent application of ( ) application identifier or (X) first named inventor, Anna Charny, entitled LINEAR PROGRAM-BASED TECHNIQUE FOR PLACING FRR TE TUNNELS WITH BANDWIDTH GUARANTEE, for a(n):

- (X) Original Patent Application.
- ( ) Continuing Application (prior application not abandoned):  
 ( ) Continuation ( ) Divisional ( ) Continuation-in-part (CIP)  
 of prior Application No. \_\_\_\_\_, filed \_\_\_\_\_.
- ( ) Please add after the title of the application "This is a  
 ( ) Continuation ( ) Divisional ( ) Continuation-in-part (CIP)  
 of Application No. \_\_\_\_\_, filed \_\_\_\_\_, which is hereby incorporated by reference."
- ( ) This application claims the benefit of U.S. Provisional Application  
 No. \_\_\_\_\_, filed \_\_\_\_\_.

**Enclosed are:**

- (X) Specification; 31 Total Pages. (X) Drawing(s); 5 Total Sheets.
- (X) Oath or Declaration:  
 (X) A Newly Executed Combined Declaration and Power of Attorney:  
 (X) Signed. ( ) Unsigned. ( ) Partially Signed.  
 ( ) A Copy from a Prior Application for Continuation/Divisional (37 CFR § 1.63(d)).  
 ( ) Signed Statement Deleting Inventor(s) Named in the Prior Application. (37 CFR § 163(d)(2)).
- ( ) Power of Attorney. (X) Return Receipt Postcard.  
 ( ) Associate Power of Attorney. (X) A Check in the amount of \$954.00 for the Filing Fee.  
 ( ) Preliminary Amendment. ( ) Information Disclosure Statement and Form PTO-1449.  
 ( ) A Duplicate Copy of this Form for Processing Fee Against Deposit Account.  
 ( ) A Certified Copy of Priority Documents (if foreign priority is claimed).  
 ✓ (X) Assignment and Assignment Recordation Cover Sheet  
 ( ) Statement(s) of Status as a Small Entity.  
 ( ) Statement(s) of Status as a Small Entity Filed in Prior Application, Status Still Proper and Desired.  
 (X) Other: Request for Certification.

| CLAIMS AS FILED                           |           |           |         |           |
|---|-----------|-----------|---------|-----------|
| FOR                                       | NO. FILED | NO. EXTRA | RATE    | FEE       |
| Total Claims                              | 25        | 5         | \$18.00 | \$ 90.00  |
| Independent Claims                        | 4         | 1         | \$84.00 | \$ 84.00  |
| Multiple Dependent Claims (if applicable) |           |           |         | \$0.00    |
| Assignment Recording Fee                  |           |           |         | \$40.00   |
| Basic Filing Fee                          |           |           |         | \$740.00  |
| Total Filing Fee                          |           |           |         | \$ 954.00 |

At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account No. 50-1652 (Order No. CISCP729).

Respectfully submitted,

By: Dan H. Lang  
 Dan H. Lang, Reg. No. 38,531

Date: February 22, 2002  
 Correspondence Address:  
 Customer No. 26541  
**RITTER, LANG & KAPLAN LLP**  
 12930 Saratoga Ave., Suite D1  
 Saratoga, CA 95070  
 Phone: 408-446-8690  
 Fax: 408-446-8691

I hereby certify that this is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated below and is addressed to:

Assistant Commissioner for Patents  
 Box Patent Application  
 Washington, D.C. 20231

By: Jacquie M. Vo  
 Typed Name: Jacquie M. Vo  
 Express Mail Label No.: EL842804323US  
 Date of Deposit: February 22, 2002

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Attorney Docket No.: CISC729

Anna Charny et al.

Examiner: Unassigned

Application No.: Unassigned

Group Art Unit: Unassigned

Filed: Herewith

Date: February 22, 2002

For:

LINEAR PROGRAM-BASED TECHNIQUE FOR PLACING FRR TE TUNNELS WITH  
BANDWIDTH GUARANTEE

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the  
United States Postal Service as Express Mail Post Office to Addressee  
service under 37 CFR 1.10 in an envelope addressed to: Assistant  
Commissioner for Patents, Washington, DC 20231 on February 22, 2002.  
Signed: Jacqui M. Vo

Jacqui M. Vo

REQUEST FOR CERTIFICATION

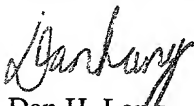
UNDER 35 U.S.C. 122(b)(2)(B)(i)

Assistant Commissioner for Patents  
Washington, DC 20231

Dear Sir:

I hereby certify that the invention disclosed in the attached application has not and will not be  
the subject of an application filed in another country, or under a multilateral agreement, that requires  
publication at eighteen months after filing. I hereby request that the attached application not be  
published under 35 U.S.C. 122(b).

Respectfully submitted,

  
Dan H. Lang  
Reg. No. 38531

RITTER, LANG & KAPLAN LLP  
12930 Saratoga Ave., Suite D1  
Saratoga, CA 95070  
(408) 446-8690

Attorney Docket No.: CISC729